

Infusing the spirit of the conference will be four overall themes that play a critical role in our ability to meet the challenges of water quality monitoring:

- A. Collaborative efforts
- B. New and emerging technologies

- C. Changing expectations of monitoring
- D. Sharing results and successes

Call for Abstracts

Building a Framework for the Future will be functionally organized around six tracks that, taken together, provide a framework for monitoring and reflect each of the overall conference themes listed above.

There will be several conference sessions built around each of these six tracks. You are invited to submit abstracts for papers, posters, or workshops relevant to one or more of the tracks. Under each track below, we have provided some ideas for potential topics. Please keep in mind that these topics are designed to provide some guidance on the types of issues that might be addressed under the track. These examples are meant to spark and focus ideas - not to confine or limit your thinking. Do not feel limited to the example topics under each track.

As you develop abstracts under one or more of these tracks, remember the overall conference themes. Whatever the topic of your abstract, please include how it relates to collaboration, new and emerging technologies, changing expectations of monitoring, and/or sharing results and successes. Please keep in mind that many topics listed are relevant to more than one track. Please indicate on your abstract under which track or tracks you would like your paper to be considered.

Track 1: Setting the Stage for Monitoring (planning, design, collaboration)

- Monitoring network design
- Defining Data Quality Objectives
- Monitoring strategies
- Integrating monitoring needs of CWA with SDWA programs
- Interactions among watershed components
- The cost of monitoring
- Multi-national perspectives on monitoring
- Building capacity through state/regional councils
- Using volunteers to expand your reach
- Data needs for nutrient criteria development
- Managing the monitoring process
- Incorporating Performance-Based systems
- Accounting for ground water contribution in TMDL development

Track 2: How to be Outstanding in the Field (field sampling, and monitoring issues)

- Continuous monitors
- Field analytical methods
- Biomonitoring
- Ground water monitoring
- Using Personal Digital Assistants (PDAs)
- Research needs
- Performance-Based field methods
- Monitoring ground water/surface water interactions
- Remote sensing as a monitoring tool
- Field staff accreditation
- Sample preservation and stability

Track 3: Getting the Analytical Data Right/Getting the Right Analytical Data (lab analysis and issues)

- Lab analytical methods
- Methods development
- Performance-Based laboratory methods
- Transitioning between methods
- Laboratory accreditation
- Research needs
- Sample preservation and stability
- Nutrient analyses

Track 4: Exploring Opportunities in Data Management

- Standardizing data elements
- Data sharing and exchange networks
- STORET and other data management systems
- Automated data checking
- Managing biological data
- Preserving data integrity
- Managing geographic data
- Data swaps

Track 5: Making Sense of the Data

- Credible data laws for human and ecological relevance
- Statistics in the real world
- Biological indices and effects at different levels of organization
- Multi-metric analysis
- Prospective and retrospective modeling for TMDLs
- Using GIS to better understand our world
- Relationship between water quality and quantity
- Integrating different types of data
- Modeling for ground water / surface water interactions

Track 6: Communicating Results for Effective Action

- Environmental information and the media
- Reaching underserved communities
- Moving from antagonists to allies
- Informing decision makers
- Moving from science to policy or law
- Innovative outreach techniques
- Targeting your message to various audiences
- Water quality in urban and rural constituencies

Registration Information

\$225 Attendee, \$125 Presentors, \$750 Exhibitor

Registration, Exhibitor and other conference information available online at www.nwqmc.org

A preliminary agenda will be distributed after papers have been selected. If you have questions about registration and/or exhibiting call (405)516-4972.

Instructions for submitting abstracts

ABSTRACTS MUST BE RECEIVED NO LATER THAN OCTOBER 12, 2001

Abstracts will be submitted via the internet by logging on to www.nwqmc.org/abstract.htm. Follow the instructions provided on the web page requesting the following information: (If you have questions about submitting an abstract call (410)356-8993)

- Name(s), mailing address, daytime phone, fax, email address of author(s) - (please indicate the corresponding author)
- Abstract title and text (not to exceed 250 words in length)
- Conference track(s) for which you want your submission to be considered

Authors of abstracts that are accepted for presentation (or poster) will be notified by November 30, 2001, and will receive guidelines for the preparation of manuscripts and poster specifications. Final manuscripts of papers presented should be submitted by April 3, 2002 for inclusion in the conference proceedings which will be provided to participants at the time of the conference.

For more information log on to www.nwqmc.org